

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|------------------------------|------------------|---------|------------------|
| S3 | 0 | "5397927".pn. and (MPP or (Max\$4 near2 power near2 point)) | USPAT | OR | OFF | 2007/05/09 14:17 |
| S1 | 1263 | "5397927".pn. MPP | USPAT | OR | OFF | 2007/05/09 14:17 |
| S4 | 14 | ("3531652" "3628057" "4020361" "4135101" "4206398" "4209757" "4224660" "4812669" "4835411" "4906860" "5162983" "5172009" "5198746").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 14:24 |
| S2 | 1 | "5397927".pn. | USPAT | OR | OFF | 2007/05/09 14:24 |
| S5 | 21 | ("3531652" "3628057" "4020361" "4135101" "4206398" "4209757" "4224660" "4812669" "4835411" "4906860" "5162983" "5172009" "5198746").PN. OR ("5397927").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 14:26 |
| S7 | 0 | S2 and micro | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:16 |
| S6 | 0 | S5 and (pv or solar or photovoltaic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:16 |
| S8 | 0 | S2 and (integrated near2 circuit) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:17 |
| S10 | 0 | S2 and PI | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:20 |
| S9 | 0 | S2 and (gate) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:20 |
| S11 | 0 | S2 and PID | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:29 |
| S13 | 202 | S12 and (application near2 specific near2 integrated near2 circuit) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:30 |
| S12 | 4485 | transconductance near2 amplifier | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:30 |
| S15 | 16119 | controller and (pv or solar or photovoltaic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:31 |

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|-----|-----|--|------------------------------|----|-----|------------------|
| S14 | 4 | S13 and (solar photovoltaic or pv) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:31 |
| S17 | 8 | S15 and 136/263.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:32 |
| S19 | 0 | S18 and 136/263.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:34 |
| S16 | 580 | S15 and (application near2 specific near2 integrated near2 circuit) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:34 |
| S18 | 175 | S15 and (controller with (application near2 specific near2 integrated near2 circuit)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:35 |
| S21 | 114 | S18 and (power with controller) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:36 |
| S20 | 171 | S18 and power | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:36 |
| S24 | 7 | S22 and (pv solar photovoltaic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:38 |
| S23 | 0 | S22 and 307/105.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:38 |
| S22 | 160 | (power with controller with (application near2 specific near2 integrated near2 circuit)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:46 |
| S26 | 0 | S25 and 136/263.ccls | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:49 |
| S28 | 396 | S25 and (pv solar photovoltaic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:53 |
| S27 | 0 | S25 and 136/263.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:53 |
| S30 | 0 | S25 and S2 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:59 |
| S29 | 0 | S25 and S3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:59 |

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| S25 | 5847 | power with controller with ((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 gate near2 array) or FPGA or (micro\$4 micro-controller microcontroller)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/09 15:59 |
| S32 | 0 | S31 and 136/263.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:03 |
| S31 | 35620 | controller with ((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array) or (micro-controller) or microcontroller) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:03 |
| S33 | 3 | S31 and 136/293.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:04 |
| S37 | 0 | S36 and controller | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:05 |
| S35 | 3 | S34 and 136/293.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:05 |
| S41 | 1 | S36 and utility | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:08 |
| S40 | 0 | S36 and supply | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:08 |
| S39 | 0 | S36 and mains | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:08 |
| S38 | 1 | S36 and control\$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:08 |
| S36 | 1 | "4,424,557".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:26 |
| S34 | 75072 | controller with ((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array)) or (micro-controller) or microcontroller | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:27 |

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| S44 | 67171 | "4,424,557".pn. and ((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array)) or (micro-controller) or microcontroller | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:28 |
| S42 | 67171 | S36 and((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array)) or (micro-controller) or microcontroller | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:28 |
| S45 | 0 | "4,424,557".pn. and (((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array)) or (micro-controller) or microcontroller) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:29 |
| S46 | 1 | "6111767".pn. and (((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array)) or (micro-controller) or microcontroller) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:22 |
| L2 | 1 | l1 and current | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:23 |
| L1 | 1 | "5397927".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:23 |
| L5 | 16160 | 4 and controller | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:27 |
| L4 | 103763 | pv or solar or photovoltaic | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:27 |
| L3 | 1 | l1 and (current near2 load) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:27 |
| S43 | 67171 | S36 and ((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array)) or (micro-controller) or microcontroller | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:28 |

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| L7 | 2689 | 5 and (((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array)) or (micro-controller) or microcontroller) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:29 |
| L9 | 1 | "5397927".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:30 |
| L8 | 1349 | 5 and ((controller or inverter) with (((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array)) or (micro-controller) or microcontroller)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:30 |
| L10 | 0 | 9 and micro | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:31 |
| L11 | 0 | 9 and micro\$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:33 |
| L15 | 1 | 13 and 136/293.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:34 |
| L14 | 0 | 13 and 136/263.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:34 |
| L13 | 552 | 12 and (pv or solar or photovoltaic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:34 |
| L12 | 12145 | micro-controller | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:35 |
| L17 | 67171 | 16 and ((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array)) or (micro-controller) or microcontroller | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:36 |
| L16 | 1 | "4424557".pn. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:36 |
| L6 | 67820 | 5 and ((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array)) or (micro-controller) or microcontroller | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:36 |

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|-----|---------|---|------------------------------|----|-----|------------------|
| L21 | 1 | 16 and gate | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:37 |
| L20 | 0 | 16 and (integrated with circuit) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:37 |
| L19 | 3155372 | 16 and (integrated with circuit) o | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:37 |
| L18 | 0 | 16 and (((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array)) or (micro-controller) or microcontroller) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:40 |
| L23 | 77345 | 22 and controller | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:41 |
| L26 | 48 | 25 and l22 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:43 |
| L25 | 776 | harmonic with compensation | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:43 |
| L24 | 2689 | 23 and (pv solar photovoltaic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:43 |
| L28 | 56 | inverter near5 ((application near2 specific near2 integrated near2 circuit) or ASIC) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:49 |
| L27 | 71562 | ((application near2 specific near2 integrated near2 circuit) or ASIC) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:49 |
| L22 | 131609 | ((((application near2 specific near2 integrated near2 circuit) or ASIC or (field near2 programmable near2 programmable near2 gate near2 array)) or (micro-controller) or microcontroller) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 16:49 |